

OCT 27 1930

RECEIVED
GARDEN

February 17, 1944

Dr. G. W. Beadle
Stanford University
Stanford University, California

Dear Doctor Beadle:

I guess our letters crossed. Mine was not sent by air mail. I had written you about Miss Esther M. Zimmer supporting her application for a fellowship if you should have one available. If you should wish to consider her and have a place open, I think you could do no better than to get independent judgement from Dr. Hollander and Dr. Demerec. She is a very bright girl and I think would do very well. I really do not know just how she panned out in her work with Dr. Hollander. I think she would be all right.

I am trying to get some heads or tails out of the vast accumulation of culture notes which our two girls accumulated last year while we were working with heterocaryotic vigor. I think it will be better to just report on that phase of the work particularly concerned with the inheritance of the push mechanics rather than try to explain genetically just what happens.

In reading a manuscript for the editor of the American Journal I suggested that the writers of the manuscript read carefully the papers of Hansen and his associates and note his work in their next paper which will soon be forthcoming. I think some of our sterility problems may in fact be due to failure to produce receptive primoridia. However, in Ascobolus magnificus neither race produces primoridia when grown alone, but when grown together in culture both ascogonia and antheridia are produced. So it may be with these sterile races of Neurospora. The only reason that the receptive primoridia are not produced in a mixed culture may be that the nuclei do not actually get together in the mycelial cells.

Well, this is another story and I would not for a minute take you away from that fine work you are doing. With best wishes, I am,

Yours sincerely,

B. O. Dodge
Pathologist

BOD:s